

Abstract

A safety catch mechanism for nail guns comprises a through hole at the upper end of a magazine of the nail gun, an axle section protruded from one side of the magazine and pivotally coupled with a rotary rod, a blocking arm extended from the rear end of the rotary rod, a blocking plate bent from the rear end of the blocking arm for being extended and blocking the rear of the trigger; wherein a push arm is extended from the front end of the rotary rod; a limit bracket is movably embedded at the end of the push arm; a latch is defined on the limit plate to be protruded from an inner wall of the magazine; by means of the foregoing structure, if the magazine is loaded with nails, the latch can be pushed outward to drive the rotary rod to rotate, so that the blocking plate is separated from the rear of the trigger and allows users to cock the trigger.